

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No.	PRU-103US
First Inventor	Kevin K. Lehmann
Title	TAPERED FIBER OPTIC STRAIN GAUGE USING CAVITY RING-DOWN SPECTROSCOPY
Express Mail Label No.	EV351885542US

01576 U.S. PTO
10/644137

082003

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17) *(Submit an original and a duplicate for fee processing)*
2. Applicant claims small entity status. See 37 CFR 1.27.
3. Specification *[Total Pages* 31 *]*
 (preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C.113) *[Total Sheets* 19 *]*
5. Oath or Declaration *[Total Pages* 3 *]*
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d)) *(for a continuation/divisional with Box 18 completed)*
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unexecuted Declaration
 - 6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:	Commissioner for Patents Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450
<ol style="list-style-type: none"> 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ol style="list-style-type: none"> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: <ol style="list-style-type: none"> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies 	

ACCOMPANYING APPLICATIONS PARTS	
<ol style="list-style-type: none"> 9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i> 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> 2 Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i> 15. <input type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i> 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: <u>Certificate of Mailing by "Express Mail"</u> <i>(Mailing Label No.: EV351885542US)</i> 	

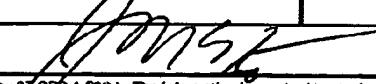
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP)
 Prior application information Examiner _____ of prior application No: 10 / 157,400
 Group / Art Unit: 1743

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Insert Customer Number 23122 OR Correspondence address below

Name	RatnerPrestia				
Address	P.O. Box 980				
City	Valley Forge	State	PA	Zip Code	19482
Country	United States of America	Telephone	(610) 407-0700	Fax	(610) 407-0701
Name (Print/Type)	Jacques L. Etkowitz		Registration No. (Attorney/Agent)	41,738	
Signature			Date	August 20, 2003	

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Mail Stop Patent Application, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 861)

Complete If Known	
Application Number	To be Assigned
Filing Date	Herewith
First Named Inventor	Kevin K. Lehmann et. al.
Examiner Name	Not Yet Assigned
Art Unit	Unknown
Attorney Docket No.	PRU-103US

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Other None
Order

Deposit Account:

Deposit Account Number
Deposit Account Name

18-0350

RatnerPrestia

The Commissioner is authorized to: (check all that apply)

Charge fee(s) indicated below
 Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	375
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$ 375)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims		Fee from below	Fee Paid
	Independent Claims	Multiple Dependent		
	54	-20**	= 34	X 9 = 306
Independent Claims	3	-3**	= 0	X 0 = 0

X 140 = 140

SUBTOTAL (2) (\$ 448)

*or number previously paid, if greater. For Reissues, see above

3. ADDITIONAL FEES	
Large Entity	Small Entity
Fee Code	Fee (\$)
1051	130
1052	50
1053	130
1812	2,520
1804	920*
1805	1,840*
1251	110
1252	410
1253	930
1254	1,450
1255	1,970
1401	320
1402	320
1403	280
1451	1,510
1452	110
1453	1,300
1501	1,300
1502	470
1503	630
1460	130
1807	50
1808	180
8021	40
1809	750
1810	750
1801	750
1802	900

Other fee (specify)

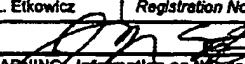
*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$ 40)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Jacques L. Etzkowicz	Registration No. Attorney/Agent)	41,738	Telephone	610-407-0700
Signature				Date	8/20/03

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Kevin K. Lehmann, et al.

Docket No.

PRU-103US

Serial No.

To Be Assigned

Filing Date

August 20, 2003

Examiner

To Be Assigned

Group Art Unit

To Be Assigned

Invention: TAPERED FIBER OPTIC STRAIN GAUGE USING CAVITY RING-DOWN SPECTROSCOPY

I hereby certify that the following correspondence:

Continuation-In-Part Patent Application (31 pages)

Utility Transmittal

Fee Transmittal

Executed Declaration (3 pages)

19 Sheets of Drawings

Executed Assignment and PTO-1595 (3 pages)

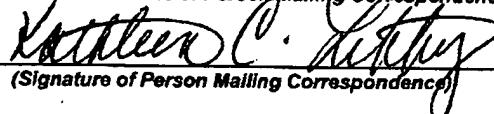
Information Disclosure Statement

PTO/SB/08a (4 pages)

(Identify type of correspondence)

Is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37

CFR 1.10 in an envelope addressed to:

MAIL STOP PATENT APPLICATION,
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
on August 20, 2003Kathleen C. Libby*(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)*EV351885542US*("Express Mail" Mailing Label Number)*

Note: Each paper must have its own certificate of mailing.

PO6A/REV02